



{In Archive} Fw: Ground Water Production Rates for City of Goliad Water Supply System

Jose Torres to: Alberto Arredondo

01/21/2011 03:26 PM

Cc: Philip Dellinger, Ray Leissner

From: Jose Torres/R6/USEPA/US
To: "Alberto Arredondo" <citysupt@goliadtx.net>
Cc: Philip Dellinger/R6/USEPA/US@EPA, Ray Leissner/R6/USEPA/US@EPA
Archive: This message is being viewed in an archive.

Good afternoon Mr. Arredondo:

Thank you very much for your prompt response to my message and question regarding the nomenclature in the recently received City of Goliad water supply well production history.

Thanks to that information, I was able to establish that the City of Goliad has recently used water at a rate of approximately 390 AcFt/yr. With this e-mail, I would like to secure your kind assistance in trying to establish whether this level of consumption has been steady for a number of years and could be projected to stay at this same level for several years into the future (10, 20, 30 years?), or whether you have observed, and anticipate a trend of an increasing (or decreasing) consumption rate. Also, if you could share with us your best estimate of the population currently being served by this water production rate, I would really appreciate it.

I could observe location data (Lat-Long and Street address) for the two City water supply wells in the production rates table provided by Ms. Smith, and I, personally, can't be more appreciative for receiving this information. However, when attempting to draw a map showing the water supply well locations, the well that I expected to be shown near the intersection of N. Chilton and E North streets (Well No. 1), was shown slightly north of the intersection of Highway 183 and FM Road 622. You may wish to check for a possible typo in the Latitude provided for Well No. 1. Please let me know once you have found the correct number. And finally, we would also appreciate receiving any well completion data for wells No. 1 and No. 2 that you may have, and which could be used to draw well schematics.

Thank you again for your valuable assistance, your efforts are critical to the successful completion of an aquifer drawdown analysis that we are attempting to complete for the region. Best regards, and have a good weekend. Sincerely,

José Eduardo Torres - 6WQ-SG
Ground Water/UIC Section
EPA, Region 6
(214) 665-8092

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----- Forwarded by Jose Torres/R6/USEPA/US on 01/21/2011 02:34 PM -----

From: "Barbara Smith" <bsmith@goliadcogcd.org>
To: Jose Torres/R6/USEPA/US@EPA, "Albert Arredondo" <citysupt@goliadtx.net>
Cc: "Art Dohmann" <artdohmann@gmail.com>
Date: 12/09/2010 08:44 AM
Subject: FW: Ground Water Production Rates for City of Goliad Water Supply System

Attached is the information I obtained from the City of Goliad on 12-8-10. You may contact the City

Superintendent, Alberto Arredondo at 361-645-2081 or citysupt@goliadtx.net for more information. He should be able to answer any questions you may have about this report. Hope this is helpful. Barbara Smith, GCGCD

From: Art Dohmann [mailto:artdohmann@gmail.com]
Sent: Wednesday, November 03, 2010 2:07 PM
To: Barbara Smith
Subject: Fw: Ground Water Production Rates for City of Goliad Water Supply System

Barbara,
I don't know how much of this data we have in the office. You may need to get with the city for additional info.

Thanks,

Art

----- Original Message -----

From: Torres.Jose@epamail.epa.gov
To: Art Dohmann
Sent: Tuesday, November 02, 2010 3:26 PM
Subject: Ground Water Production Rates for City of Goliad Water Supply System

Hello Mr. Dohmann:

I am trying to obtain information on the drinking water supply system for the City of Goliad, Goliad County, Texas. More specifically, I would like to obtain information on the water supply wells that may be in use within the system, and which may be producing from the Goliad aquifer. I would like to know whether it might be possible to obtain, with your help, information on the water production rates for these wells.

At this time, I am looking for water production data for the period beginning in March, 2007 and ending in March, 2009. The attached image file is provided in order to illustrate the type of information that I am looking for. This Table was made available to us last year by Mr. Tim Andruss of the City of Victoria (COV), and it proved very helpful in conducting a preliminary aquifer drawdown analysis for the COV water supply wells.

I am looking at the possibility of conducting a similar analysis of the regional drawdown effects on the aquifer induced by any ground water supply wells that may be part of the City of Goliad water supply system. The availability of actual well performance data would significantly contribute to minimize any uncertainties that might persist in my modeling work.

Please accept my thanks in advance for any feedback that you may be able to provide regarding this matter. I look forward to hearing from you in the near future. Best regards,

José Eduardo Torres - 6WQ-SG
Ground Water/UIC Section
EPA, Region 6
(214) 665-8092

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Groundwater Production for city of Goliad = Mar. 2007 - March 2009.xls